MAUL FOSTER ALONGI
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May 14, 2009
Project No. 8128.01.20

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon

Re: Monthly Progress Report – April 2009
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is April 1, 2009, through April 30, 2009. The next report is due June 10, 2009.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications and Submittals

On April 30, 2009, DEQ provided via email approval of the modification to the Western Supplemental EIB Injection Grid.[1]

Fieldwork

EIB injections continued throughout April. Approximately 90 percent of the EHC© injections are complete.

The second round of sampling for the Group 3 PMWs (i.e., located downgradient of Fab 1) commenced during the last week of April.

Monthly water levels were collected on April 15, 2009.

[1] As submitted by MFA to DEQ on March 6, 2009.

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ACTIONS TO BE TAKEN IN THE NEXT TWO MONTHS

Groundwater elevations will be collected in May.

Quarterly sampling will resume in May, consistent with DEQ's recommendations regarding the modification to the scope.

Performance monitoring will continue in May.

EHC and KB-1 injections are expected to continue through the next two months.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

MFA has received analytical results from the angled PMW. Based upon our understanding, the volatile organic compound (VOC) data are not representative of site conditions. MFA will continue to sample this well until representative results are received.

MFA is in receipt of the baseline and second round of sampling data. These data will be included in the Performance Monitoring Plan (PMP), which is scheduled for submittal following receipt of representative data from the angled monitoring well.

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

MFA's injection contractor has reported lost rods (due to breakage) during angled injections under the pipe bridge. MFA and Siltronic are evaluating options for completing these injections while minimizing or preventing further equipment loss.

No other problems were experienced during the reporting period.

Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.

James G.D. Peale, RG
Senior Hydrogeologist

Ted Wall, PE
Principal Engineer

Attachment: Table 1

cc: Tom McCue, Siltronic Corporation (electronic and hard copy)
Alan Gladstone, Davis Rothwell Earle and Xochihua (electronic and hard copy)
Chris Reive, Jordan Schrader Ramis (electronic and hard copy)
Jim Anderson, DEQ (electronic)
Kristine Koch, EPA (electronic)
Sean Sheldrake, EPA Seattle (electronic)
Rene Fuentes, EPA Seattle (electronic)
Eric Blischke, EPA Portland (electronic)
Chip Humphrey, EPA Portland (electronic)

Table 1
Groundwater Elevations and Willamette River Stage
January 2009 - April 2009
Siltronic Corporation
Portland, Oregon

PERIOD: From 01/02/2009 thru 04/15/2009 - Inclusive

SITE	DATE	MP ELEVATION (feet)	TIME	DEPTH TO WATER (feet)	DELTA WATER ELEV (feet)	WATER ELEV. (feet)
WR-STAGE	1/2/2009	0.00	13:30	-12.39	NA	12.39
WR-STAGE	2/27/2009	0.00	12:30	-6.44	-5.95	6.44
WR-STAGE	4/15/2009	0.00	11:00	-9.19	2.75	9.19
WS-10-27	1/2/2009	33.45	16:29	15.76	NA	17.69
WS-10-27	2/27/2009	33.45	15:27	13.71	2.05	19.74
WS-10-27	4/15/2009	33.45	13:32	12.83	0.88	20.62
WS-11-125	1/2/2009	31.98	11:16	19.92	NA	12.06
WS-11-125	2/27/2009	31.98	10:11	24.36	-4.44	7.62
WS-11-125	4/15/2009	31.98	8:47	22.67	1.69	9.31
WS-11-161	1/2/2009	32.00	11:15	19.90	NA	12.10
WS-11-161	2/27/2009	32.00	10:10	24.37	-4.47	7.63
WS-11-161	4/15/2009	32.00	8:46	22.65	1.72	9.35
WS-12-125	1/2/2009	32.91	11:05	20.89	NA	12.02
WS-12-125	2/27/2009	32.91	10:01	25.24	-4.35	7.67
WS-12-125	4/15/2009	32.91	8:36	23.61	1.63	9.30
WS-12-161	1/2/2009	32.92	11:03	20.88	NA	12.04
WS-12-161	2/27/2009	32.92	10:00	25.24	-4.36	7.68
WS-12-161	4/15/2009	32.92	8:34	23.60	1.64	9.32
WS-13-105	2/27/2009	33.30	15:52	24.82	NA	8.48
WS-13-105	4/15/2009	33.30	13:07	23.22	1.60	10.08
WS-13-69	2/27/2009	33.32	15:53	24.05	NA	9.27
WS-13-69	4/15/2009	33.32	13:09	23.43	0.62	9.89
WS-14-125	1/2/2009	32.21	14:30	19.98	NA	12.23
WS-14-125	2/27/2009	32.21	11:43	24.92	-4.94	7.29
WS-14-125	4/15/2009	32.21	10:01	22.73	2.19	9.48
WS-14-161	1/2/2009	32.27	14:28	20.00	NA	12.27
WS-14-161	2/27/2009	32.27	11:41	24.95	-4.95	7.32
WS-14-161	4/15/2009	32.27	9:59	22.76	2.19	9.51
WS-15-140	1/2/2009	33.02	15:07	20.75	NA	12.27
WS-15-140	2/27/2009	33.02	12:54	25.44	-4.69	7.58
WS-15-140	4/15/2009	33.02	10:24	23.25	2.19	9.77
WS-15-85	1/2/2009	32.98	15:09	21.89	NA	11.09
WS-15-85	2/27/2009	32.98	12:56	23.94	-2.05	9.04
WS-15-85	4/15/2009	32.98	10:26	23.74	0.20	9.24
WS-16-125	1/2/2009	32.93	14:23	20.78	NA	12.15
WS-16-125	2/27/2009	32.93	12:48	25.69	-4.91	7.24
WS-16-125	4/15/2009	32.93	10:18	23.47	2.22	9.46

MP - Measuring point.
Elevations relative to MSL (NGVD 29)

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PERIOD: From 01/02/2009 thru 04/15/2009 - Inclusive

SITE	DATE	MP ELEVATION (feet)	TIME	DEPTH TO WATER (feet)	DELTA WATER ELEV (feet)	WATER ELEV. (feet)
WS-16-161	1/2/2009	33.03	14:21	20.73	NA	12.30
WS-16-161	2/27/2009	33.03	12:47	25.60	-4.87	7.43
WS-16-161	4/15/2009	33.03	10:16	23.37	2.23	9.66
WS-17-52	1/2/2009	33.68	16:20	20.49	NA	13.19
WS-17-52	2/27/2009	33.68	15:06	20.08	0.41	13.60
WS-17-52	4/15/2009	33.68	13:19	19.72	0.36	13.96
WS-17-94	1/2/2009	33.78	16:17	21.94	NA	11.84
WS-17-94	2/27/2009	33.78	15:04	25.42	-3.48	8.36
WS-17-94	4/15/2009	33.78	13:17	23.64	1.78	10.14
WS-18-101	1/2/2009	33.98	15:58	22.41	NA	11.57
WS-18-101	2/27/2009	33.98	14:16	24.88	-2.47	9.10
WS-18-101	4/15/2009	33.98	11:44	24.23	0.65	9.75
WS-18-71	1/2/2009	33.93	16:00	22.43	NA	11.50
WS-18-71	2/27/2009	33.93	14:19	24.32	-1.89	9.61
WS-18-71	4/15/2009	33.93	11:46	23.74	0.58	10.19
WS-19-101	1/2/2009	33.79	16:03	22.95	NA	10.84
WS-19-101	2/27/2009	33.79	14:28	25.43	-2.48	8.36
WS-19-71	1/2/2009	33.74	16:05	22.61	NA	11.13
WS-19-71	2/27/2009	33.74	14:23	24.21	-1.60	9.53
WS-20-112	1/2/2009	32.09	11:20	19.81	NA	12.28
WS-20-112	2/27/2009	32.09	10:13	23.82	-4.01	8.27
WS-20-112	4/15/2009	32.09	8:50	22.13	1.69	9.96
WS-21-112	1/2/2009	34.47	13:38	21.46	NA	13.01
WS-21-112	2/27/2009	34.47	11:02	26.04	-4.58	8.43
WS-21-112	4/15/2009	34.47	9:25	24.16	1.88	10.31
WS-22-112	1/2/2009	33.51	13:00	20.37	NA	13.14
WS-22-112	2/27/2009	33.51	11:06	25.08	-4.71	8.43
WS-22-112	4/15/2009	33.51	9:28	23.09	1.99	10.42

MP - Measuring point.
Elevations relative to MSL (NGVD 29)